

APPLICATION FOR BACK SCRUBBER

UNITED STATES LETTERS PATENT

SPECIFICATION

TO WHOM IT MAY CONCERN:

Be it known that I, Robert E. Richardson, a citizen of the United States of America, and resident of the State of , having a postal address of 370 53rd Avenue N., Lot #410, St. Petersburg, FL 33703 have invented a new and useful “Back Scrubber”, of which the following forms the specification.

BACK SCRUBBER

BACKGROUND OF THE INVENTION

1. Technical Field of the Invention

The present invention generally relates to a back scrubber, specifically, a
5 wall mounted device that includes a motor driven brush for automatically
scrubbing a bather's back.

2. Description of the Prior Art

The back has always been one of the most difficult areas of the body to
wash. Although various back scrubbers exist, they typically include an elongated
10 handle with a brush head at an end thereof. The user is required to manually
reciprocate the brush head across the back, which is not only laborious, but is also
marginally effective, at best. Accordingly, there is currently a need for a device
that more effectively and efficiently cleans a user's back.

The present invention addresses the above described need by providing a
15 uniquely designed back scrubber that is conveniently mounted on a shower or
bathtub wall. The scrubber includes a motorized scrubbing brush for
automatically cleansing the bather's back.

SUMMARY OF THE INVENTION

The present invention relates to a back scrubber. The device comprises a

substantially U-shaped bracket including an elongated vertical base panel with an upper arm and a lower arm perpendicularly extending therefrom. The lower arm includes a water impermeable chamber with an electric motor and associated batteries received therein. A tubular scrubbing brush is disposed between the arms and is rotatably driven by the electric motor. Accordingly, by activating the motor, the brush is automatically rotated allowing a bather to place his or her back thereagainst for cleansing.

It is therefore an object of the present invention to provide a back scrubber that automatically cleanses a user's back.

It is another object of the present invention to provide a back scrubber that allows for hands free cleansing of a user's back.

It is yet another object of the present invention to provide a back scrubber that is conveniently mounted on a bath or shower wall.

Other objects, features and advantages of the present invention will become readily apparent from the following detailed description of the preferred embodiment when considered with the attached drawings and the appended claims.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a partially exploded, perspective view of the back scrubber

according to the present invention.

Figure 2 is a perspective view of the back scrubber mounted on a shower wall.

DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring now to Figures 1 and 2, the present invention relates to a motorized back scrubber. The device comprises a substantially U-shaped bracket 18 including an elongated vertical base panel 1 with an upper arm 2 and a lower arm 3 perpendicularly extending therefrom. The lower arm includes a water impermeable chamber 4 with an electric motor 5 and associated batteries 19 received therein for rotating a brush member, described, infra. A switch 22 is positioned on the bracket for activating the motor. The base panel is secured to a support surface, such as a shower or bathtub wall, using screws 11, suction cups or any other similar means.

Removably disposed between the arms is a tubular brush member 6 having a central core 20. Depending from the upper arm is a spring-biased pin 7 that is receivable within a bore 8 at an upper end of the core. A peg 13 is operably connected to the motor and upwardly extends from the lower arm. The peg is tightly receivable within a bore 14 at the lower end of the core. The brush member can be easily attached to the bracket by placing the lower bore over the peg while

simultaneously lifting the pin to allow the upper end of the core to be positioned therebeneath. Accordingly, when the brush member is properly positioned on the bracket as described above, rotation of the peg results in rotation of the brush member.

5 The brush member is further composed of any one of a plurality of interchangeable, cylindrical cleansing sleeves 15 removably encompassing the central core. Each sleeve includes a discrete exterior surface such as loofah, terry cloth, bristles, etc., allowing a user to vary the brush type according to a particular application or preference.

10 As is now readily apparent, the present invention provides a back scrubber that efficiently cleanses a user's back. By activating the motor with the switch 22, the brush member is automatically rotated allowing a bather to place his or her back thereagainst for hands free cleansing.

The above described device is not limited to the exact details of
15 construction and enumeration of parts provided herein. Furthermore, the size, shape and materials of construction of the various components can be varied.

Although there has been shown and described the preferred embodiment of the present invention, it will be readily apparent to those skilled in the art that modifications may be made thereto which do not exceed the scope of the appended

claims. Therefore, the scope of the invention is only to be limited by the following claims.